WHAT IS CLAIMED IS:

1. An information processing method in an information processing apparatus which can generate an object and can be connected to another information

5 processing apparatus through a network to form a distributed processing system, characterized by comprising:

an acquisition step of acquiring unique information from the other information processing

10 apparatus; and

an identification information generation step of, in generating an object, generating identification information of the object by using the unique information.

15 2. The method according to claim 1, characterized in that the other information processing apparatus from which the unique information is acquired is a management information processing apparatus which manages pieces of unique information of all information

20 processing apparatuses that form the distributed processing system.

3. The method according to claim 2, characterized by further comprising a notification step of sending information, including the identification information,

25 about an object which has undergone object processing including generation to the management information processing apparatus.

4.   The method according to claim 2, characterized by further comprising

a reception step of receiving information about an object processed by the other information processing
5 apparatus, and

an object processing step of executing the same object processing as that of the other information processing apparatus on the basis of the received information.

10 5.   An information processing method in a management information processing apparatus which manages information processing apparatuses included in a distributed processing system, characterized by comprising:

15   a unique information assigning step of assigning unique information to each of the information processing apparatuses; and

a notification step of sending information about an object received from one of the information
20 processing apparatuses to the remaining information processing apparatuses.

6.   The method according to claim 5, characterized by further comprising an object processing sep of executing the same object processing as that of one of
25 the information processing apparatuses on the basis of the information about the object.

7.   An information processing method in an

information processing apparatus which constitutes a distributed processing system, characterized by comprising steps of:

acquiring a unique ID from a management
5   information processing apparatus which manages IDs of all information processing apparatuses that constitute the distributed processing system;

generating an object ID by using the acquired unique ID; and

10   transmitting object information containing the object ID to the remaining information processing apparatuses in the distributed processing system.

8.   A computer program which causes a computer apparatus to execute an information processing method
15   of claim 1.

9.   A computer-apparatus-readable storage medium which stores a computer program of claim 8.

10.   An information processing apparatus which can generate an object and can be connected to another
20   information processing apparatus through a network to form a distributed processing system, characterized by comprising:

acquisition unit adapted to acquire unique information from the other information processing
25   apparatus; and

. identification information generation unit adapted to, in generating an object, generate

identification information of the object by using the unique information.

11.   A management information processing apparatus which manages information processing apparatuses
5   included in a distributed processing system, characterized by comprising:

unique information assigning unit adapted to assign unique information to each of the information processing apparatuses; and
10   notification unit adapted to send information about an object received from one of the information processing apparatuses to the remaining information processing apparatuses.

12.   An information processing apparatus which
15   constitutes a distributed processing system, characterized by comprising:

unit adapted to acquire a unique ID from a management information processing apparatus which manages IDs of all information processing apparatuses
20   that constitute the distributed processing system;

unit adapted to generate an object ID by using the acquired unique ID; and

unit adapted to transmit object information containing the object ID to the remaining processing
25   apparatuses in the distributed processing system.

13.   A distributed processing system characterized by comprising:

- 26 -

a plurality of information processing

apparatuses, each information processing apparatus

comprising

acquisition unit adapted to acquire unique

5   information from another information processing

apparatus connected through a network,

object generation unit adapted to generate an

object, and

identification information generation unit

10   adapted to, in generating the object, generate

identification information of the object by using the

unique information, and

a management information processing apparatus

which manages the plurality of information processing

15   apparatuses, the management information processing

apparatus comprising

unique information assigning unit adapted to

assign unique information to each of the plurality of

information processing apparatuses, and

20   notification unit adapted to send information

about an object received from one of the plurality of

information processing apparatuses to the remaining

information processing apparatuses.

14.   A distributed processing system constituted by a

25   plurality of information processing apparatuses

connected through a network, and a management

information processing apparatus which manages a unique

- 27 -

ID of each of the plurality of information processing
apparatuses, characterized in that each of the
plurality of information processing apparatuses
comprises

5   unit adapted to acquire a unique ID of its own
from the management information processing apparatus,

        unit adapted to generate an object ID by using
the acquired unique ID, and

        unit adapted to transmit object information
10   containing the object ID to the remaining information
processing apparatuses in the distributed processing
system.